

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-127898-1

Client Project/Site: Gold King Mine - Region 8 (T/S)

For:

Weston Solutions, Inc.

1435 Garrison Street

Suite 100

Lakewood, Colorado 80215

Attn: Elliott Petri



Authorized for release by:

7/29/2016 12:16:37 PM

Sheila Hoffman, Project Manager II

(912)354-7858 e.3004

sheila.hoffman@testamericainc.com

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Results relate only to the items tested and the sample(s) as received by the laboratory.

Method Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	TAL SAV
200.8	Metals (ICP/MS)	EPA	TAL SAV
245.1	Mercury (CVAA)	EPA	TAL SAV
2540 D-2011	Total Suspended Solids (Dried at 103-105°C)	SM	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

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Sample Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-127898-1	GSTO_072216_1054	Water	07/22/16 10:54	07/26/16 09:37
680-127898-2	GTSC_072216_1122	Water	07/22/16 11:22	07/26/16 09:37
680-127898-3	GTSP0_072216_1133	Water	07/22/16 11:33	07/26/16 09:37
680-127898-4	GSTI_072216_1158	Water	07/22/16 11:58	07/26/16 09:37
680-127898-5	GSTI_DUP_072216_1158	Water	07/22/16 11:58	07/26/16 09:37
680-127898-6	CC18_072216_1215	Water	07/22/16 12:15	07/26/16 09:37
680-127898-7	CC03D_072216_1230	Water	07/22/16 12:30	07/26/16 09:37

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Definitions/Glossary

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Job ID: 680-127898-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 8 (T/S)

Report Number: 680-127898-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 07/26/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.7 C.

DISSOLVED METALS (ICP)

Samples GSTO_072216_1054 (680-127898-1), GTSC_072216_1122 (680-127898-2), GTSPO_072216_1133 (680-127898-3), GSTI_072216_1158 (680-127898-4), GSTI_DUP_072216_1158 (680-127898-5), CC18_072216_1215 (680-127898-6) and CC03D_072216_1230 (680-127898-7) were analyzed for dissolved metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 07/26/2016 and analyzed on 07/27/2016 and 07/28/2016.

Iron, Dissolved and Calcium, Dissolved failed the recovery criteria high for the MS of sample CC03D_072216_1230MS (680-127898-7) in batch 680-443295.

Iron, Dissolved, Calcium, Dissolved and Magnesium, Dissolved failed the recovery criteria high for the MSD of sample CC03D_072216_1230MSD (680-127898-7) in batch 680-443295.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICP)

Samples GSTO_072216_1054 (680-127898-1), GTSC_072216_1122 (680-127898-2), GTSPO_072216_1133 (680-127898-3), GSTI_072216_1158 (680-127898-4), GSTI_DUP_072216_1158 (680-127898-5), CC18_072216_1215 (680-127898-6) and CC03D_072216_1230 (680-127898-7) were analyzed for total metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 07/26/2016 and analyzed on 07/27/2016 and 07/28/2016.

Calcium and Magnesium failed the recovery criteria low for the MS of sample GSTO_072216_1054MS (680-127898-1) in batch 680-443216.

Calcium failed the recovery criteria low for the MSD of sample GSTO_072216_1054MSD (680-127898-1) in batch 680-443216.

Refer to the QC report for details.

Samples GTSC_072216_1122 (680-127898-2)[10X] and CC03D_072216_1230 (680-127898-7)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Job ID: 680-127898-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

DISSOLVED METALS (ICPMS)

Samples GSTO_072216_1054 (680-127898-1), GTSC_072216_1122 (680-127898-2), GTSPO_072216_1133 (680-127898-3), GSTI_072216_1158 (680-127898-4), GSTI_DUP_072216_1158 (680-127898-5), CC18_072216_1215 (680-127898-6) and CC03D_072216_1230 (680-127898-7) were analyzed for dissolved metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 07/26/2016 and analyzed on 07/27/2016 and 07/28/2016.

Copper, Copper, Dissolved, Zinc and Zinc, Dissolved failed the recovery criteria high for the MS of sample GSTO_072216_1054MS (680-127898-1) in batch 680-443232.

Copper, Copper, Dissolved, Zinc and Zinc, Dissolved failed the recovery criteria high for the MSD of sample GSTO_072216_1054MSD (680-127898-1) in batch 680-443232.

Manganese, Manganese, Dissolved, Zinc and Zinc, Dissolved failed the recovery criteria high for the MS of sample CC03D_072216_1230MS (680-127898-7) in batch 680-443232.

Cobalt, Cobalt, Dissolved, Manganese and Manganese, Dissolved failed the recovery criteria low for the MSD of sample CC03D_072216_1230MSD (680-127898-7) in batch 680-443232. Zinc and Zinc, Dissolved failed the recovery criteria high.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICPMS)

Samples GSTO_072216_1054 (680-127898-1), GTSC_072216_1122 (680-127898-2), GTSPO_072216_1133 (680-127898-3), GSTI_072216_1158 (680-127898-4), GSTI_DUP_072216_1158 (680-127898-5), CC18_072216_1215 (680-127898-6) and CC03D_072216_1230 (680-127898-7) were analyzed for total metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 07/26/2016 and analyzed on 07/27/2016 and 07/28/2016.

Manganese and Manganese, Dissolved failed the recovery criteria low for the MS of sample GSTO_072216_1054MS (680-127898-1) in batch 680-443232.

Manganese and Manganese, Dissolved failed the recovery criteria low for the MSD of sample GSTO_072216_1054MSD (680-127898-1) in batch 680-443232.

Refer to the QC report for details.

Samples GSTO_072216_1054 (680-127898-1)[100X], GTSC_072216_1122 (680-127898-2)[100X], GTSPO_072216_1133 (680-127898-3)[100X], GSTI_072216_1158 (680-127898-4)[100X], GSTI_DUP_072216_1158 (680-127898-5)[100X], CC18_072216_1215 (680-127898-6)[10X] and CC03D_072216_1230 (680-127898-7)[100X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED MERCURY (CVAA)

Samples GSTO_072216_1054 (680-127898-1), GTSC_072216_1122 (680-127898-2), GTSPO_072216_1133 (680-127898-3), GSTI_072216_1158 (680-127898-4), GSTI_DUP_072216_1158 (680-127898-5), CC18_072216_1215 (680-127898-6) and CC03D_072216_1230 (680-127898-7) were analyzed for dissolved mercury (CVAA) in accordance with EPA Method 245.1. The samples were prepared on 07/26/2016 and analyzed on 07/27/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY

Samples GSTO_072216_1054 (680-127898-1), GTSC_072216_1122 (680-127898-2), GTSPO_072216_1133 (680-127898-3), GSTI_072216_1158 (680-127898-4), GSTI_DUP_072216_1158 (680-127898-5), CC18_072216_1215 (680-127898-6) and

Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Job ID: 680-127898-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

CC03D_072216_1230 (680-127898-7) were analyzed for total mercury in accordance with EPA Method 245.1. The samples were prepared on 07/26/2016 and analyzed on 07/27/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL SUSPENDED SOLIDS

Samples GSTO_072216_1054 (680-127898-1), GTSC_072216_1122 (680-127898-2), GTSPO_072216_1133 (680-127898-3), GSTI_072216_1158 (680-127898-4), GSTI_DUP_072216_1158 (680-127898-5), CC18_072216_1215 (680-127898-6) and CC03D_072216_1230 (680-127898-7) were analyzed for total suspended solids in accordance with SM 2540D. The samples were analyzed on 07/26/2016.

Total Suspended Solids exceeded the RPD limit for the duplicate of sample GSTI_072216_1158DU (680-127898-4). The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: GSTO_072216_1054

Lab Sample ID: 680-127898-1

Matrix: Water

Date Collected: 07/22/16 10:54

Date Received: 07/26/16 09:37

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1100		200	24	ug/L		07/26/16 13:32	07/27/16 18:10	1
Calcium	590000		500	25	ug/L		07/26/16 13:32	07/27/16 18:10	1
Iron	590		50	17	ug/L		07/26/16 13:32	07/27/16 18:10	1
Magnesium	20000		500	33	ug/L		07/26/16 13:32	07/27/16 18:10	1
Potassium	2500		1000	17	ug/L		07/26/16 13:32	07/27/16 18:10	1
Sodium	4800		1000	480	ug/L		07/26/16 13:32	07/27/16 18:10	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	860		200	24	ug/L		07/26/16 13:32	07/27/16 19:04	1
Calcium, Dissolved	590000		500	25	ug/L		07/26/16 13:32	07/27/16 19:04	1
Iron, Dissolved	17 U		50	17	ug/L		07/26/16 13:32	07/27/16 19:04	1
Magnesium, Dissolved	20000		500	33	ug/L		07/26/16 13:32	07/27/16 19:04	1
Potassium, Dissolved	2600		1000	17	ug/L		07/26/16 13:32	07/27/16 19:04	1
Sodium, Dissolved	5200		1000	480	ug/L		07/26/16 13:32	07/27/16 19:04	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 18:35	1
Arsenic	0.37	U	1.0	0.37	ug/L		07/26/16 13:32	07/27/16 18:35	1
Barium	8.8		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 18:35	1
Beryllium	0.15	U	0.40	0.15	ug/L		07/26/16 13:32	07/27/16 18:35	1
Cadmium	3.1		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 18:35	1
Chromium	1.0 U		2.0	1.0	ug/L		07/26/16 13:32	07/27/16 18:35	1
Cobalt	4.1		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 18:35	1
Copper	34		5.0	0.50	ug/L		07/26/16 13:32	07/27/16 18:35	1
Lead	0.24 J		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 18:35	1
Manganese	7500		250	120	ug/L		07/26/16 13:32	07/28/16 08:49	100
Molybdenum	1.3		1.0	0.45	ug/L		07/26/16 13:32	07/27/16 18:35	1
Nickel	6.3		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 18:35	1
Selenium	0.58 U		2.0	0.58	ug/L		07/26/16 13:32	07/27/16 18:35	1
Silver	0.10 U		1.0	0.10	ug/L		07/26/16 13:32	07/27/16 18:35	1
Thallium	0.26		0.20	0.10	ug/L		07/26/16 13:32	07/27/16 18:35	1
Vanadium	0.30 U		1.0	0.30	ug/L		07/26/16 13:32	07/27/16 18:35	1
Zinc	180		20	2.8	ug/L		07/26/16 13:32	07/27/16 18:35	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:15	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:15	1
Barium, Dissolved	9.6		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:15	1
Beryllium, Dissolved	0.15 U		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:15	1
Cadmium, Dissolved	2.8		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:15	1
Chromium, Dissolved	1.0 U		2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:15	1
Cobalt, Dissolved	3.7		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:15	1
Copper, Dissolved	1.9 J F1		5.0	0.50	ug/L		07/26/16 13:32	07/27/16 19:15	1
Lead, Dissolved	0.12 J		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:15	1
Manganese, Dissolved	7400		25	12	ug/L		07/26/16 13:32	07/28/16 09:24	10
Molybdenum, Dissolved	1.4		1.0	0.45	ug/L		07/26/16 13:32	07/27/16 19:15	1
Nickel, Dissolved	7.7		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:15	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Client Sample ID: GSTO_072216_1054

Lab Sample ID: 680-127898-1

Matrix: Water

Date Collected: 07/22/16 10:54

Date Received: 07/26/16 09:37

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:15	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:15	1
Thallium, Dissolved	0.27		0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:15	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:15	1
Zinc, Dissolved	61	F1	20	2.8	ug/L		07/26/16 13:32	07/27/16 19:15	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 11:18	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 12:08	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	6.3		3.5	3.5	mg/L			07/26/16 12:20	1

Client Sample ID: GTSC_072216_1122

Lab Sample ID: 680-127898-2

Matrix: Water

Date Collected: 07/22/16 11:22

Date Received: 07/26/16 09:37

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	54000		200	24	ug/L		07/26/16 13:32	07/27/16 18:25	1
Calcium	660000		5000	250	ug/L		07/26/16 13:32	07/28/16 11:23	10
Iron	170000		50	17	ug/L		07/26/16 13:32	07/27/16 18:25	1
Magnesium	33000		5000	330	ug/L		07/26/16 13:32	07/28/16 11:23	10
Potassium	2600		1000	17	ug/L		07/26/16 13:32	07/27/16 18:25	1
Sodium	4800	U	10000	4800	ug/L		07/26/16 13:32	07/28/16 11:23	10

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	4100		200	24	ug/L		07/26/16 13:32	07/27/16 19:09	1
Calcium, Dissolved	600000		500	25	ug/L		07/26/16 13:32	07/27/16 19:09	1
Iron, Dissolved	530		50	17	ug/L		07/26/16 13:32	07/27/16 19:09	1
Magnesium, Dissolved	11000		500	33	ug/L		07/26/16 13:32	07/27/16 19:09	1
Potassium, Dissolved	2500		1000	17	ug/L		07/26/16 13:32	07/27/16 19:09	1
Sodium, Dissolved	4900		1000	480	ug/L		07/26/16 13:32	07/27/16 19:09	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.2		1.0	0.40	ug/L		07/26/16 13:32	07/27/16 18:59	1
Arsenic	46		1.0	0.37	ug/L		07/26/16 13:32	07/27/16 18:59	1
Barium	16		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 18:59	1
Beryllium	13		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 18:59	1
Cadmium	150		50	4.3	ug/L		07/26/16 13:32	07/28/16 09:02	100
Chromium	14		2.0	1.0	ug/L		07/26/16 13:32	07/27/16 18:59	1
Cobalt	140		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 18:59	1
Copper	12000		500	50	ug/L		07/26/16 13:32	07/28/16 09:02	100
Lead	57		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 18:59	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: GTSC_072216_1122

Lab Sample ID: 680-127898-2

Matrix: Water

Date Collected: 07/22/16 11:22

Date Received: 07/26/16 09:37

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	40000		250	120	ug/L		07/26/16 13:32	07/28/16 09:02	100
Molybdenum	45	U	100	45	ug/L		07/26/16 13:32	07/28/16 09:02	100
Nickel	99		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 18:59	1
Selenium	2.7		2.0	0.58	ug/L		07/26/16 13:32	07/27/16 18:59	1
Silver	0.12	J	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 18:59	1
Thallium	0.34		0.20	0.10	ug/L		07/26/16 13:32	07/27/16 18:59	1
Vanadium	39		1.0	0.30	ug/L		07/26/16 13:32	07/27/16 18:59	1
Zinc	38000		2000	280	ug/L		07/26/16 13:32	07/28/16 09:02	100

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:17	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:17	1
Barium, Dissolved	8.9		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:17	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:17	1
Cadmium, Dissolved	0.46	J	0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:17	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:17	1
Cobalt, Dissolved	1.3		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:17	1
Copper, Dissolved	37		5.0	0.50	ug/L		07/26/16 13:32	07/27/16 19:17	1
Lead, Dissolved	0.26	J	0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:17	1
Manganese, Dissolved	180		2.5	1.2	ug/L		07/26/16 13:32	07/27/16 19:17	1
Molybdenum, Dissolved	1.1		1.0	0.45	ug/L		07/26/16 13:32	07/27/16 19:17	1
Nickel, Dissolved	6.0		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:17	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:17	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:17	1
Thallium, Dissolved	0.21		0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:17	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:17	1
Zinc, Dissolved	130		20	2.8	ug/L		07/26/16 13:32	07/27/16 19:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 11:23	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 12:13	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	880			16	mg/L			07/26/16 12:20	1

Client Sample ID: GTSPO_072216_1133

Lab Sample ID: 680-127898-3

Matrix: Water

Date Collected: 07/22/16 11:33

Date Received: 07/26/16 09:37

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	38000		200	24	ug/L		07/26/16 13:32	07/27/16 18:34	1
Calcium	360000		500	25	ug/L		07/26/16 13:32	07/27/16 18:34	1
Iron	120000		50	17	ug/L		07/26/16 13:32	07/27/16 18:34	1
Magnesium	25000		500	33	ug/L		07/26/16 13:32	07/27/16 18:34	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: GTspo_072216_1133

Lab Sample ID: 680-127898-3

Matrix: Water

Date Collected: 07/22/16 11:33

Date Received: 07/26/16 09:37

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	2400		1000	17	ug/L		07/26/16 13:32	07/27/16 18:34	1
Sodium	2600		1000	480	ug/L		07/26/16 13:32	07/27/16 18:34	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	39000		200	24	ug/L		07/26/16 13:32	07/27/16 19:13	1
Calcium, Dissolved	370000		500	25	ug/L		07/26/16 13:32	07/27/16 19:13	1
Iron, Dissolved	97000		50	17	ug/L		07/26/16 13:32	07/27/16 19:13	1
Magnesium, Dissolved	26000		500	33	ug/L		07/26/16 13:32	07/27/16 19:13	1
Potassium, Dissolved	2500		1000	17	ug/L		07/26/16 13:32	07/27/16 19:13	1
Sodium, Dissolved	2900		1000	480	ug/L		07/26/16 13:32	07/27/16 19:13	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.6		1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:01	1
Arsenic	31		1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:01	1
Barium	12		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:01	1
Beryllium	9.4		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:01	1
Cadmium	79		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:01	1
Chromium	6.8		2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:01	1
Cobalt	100		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:01	1
Copper	8400		500	50	ug/L		07/26/16 13:32	07/28/16 09:04	100
Lead	38		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:01	1
Manganese	27000		250	120	ug/L		07/26/16 13:32	07/28/16 09:04	100
Molybdenum	45	U	100	45	ug/L		07/26/16 13:32	07/28/16 09:04	100
Nickel	66		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:01	1
Selenium	2.0		2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:01	1
Silver	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:01	1
Thallium	0.30		0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:01	1
Vanadium	16		1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:01	1
Zinc	26000		2000	280	ug/L		07/26/16 13:32	07/28/16 09:04	100

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.60	J	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:30	1
Arsenic, Dissolved	8.4		1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:30	1
Barium, Dissolved	11		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:30	1
Beryllium, Dissolved	9.3		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:30	1
Cadmium, Dissolved	81		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:30	1
Chromium, Dissolved	5.7		2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:30	1
Cobalt, Dissolved	100		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:30	1
Copper, Dissolved	8900		500	50	ug/L		07/26/16 13:32	07/28/16 09:27	100
Lead, Dissolved	34		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:30	1
Manganese, Dissolved	28000		250	120	ug/L		07/26/16 13:32	07/28/16 09:27	100
Molybdenum, Dissolved	45	U	100	45	ug/L		07/26/16 13:32	07/28/16 09:27	100
Nickel, Dissolved	68		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:30	1
Selenium, Dissolved	1.7	J	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:30	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:30	1
Thallium, Dissolved	0.32		0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:30	1
Vanadium, Dissolved	3.9		1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:30	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: GTSPO_072216_1133

Lab Sample ID: 680-127898-3

Matrix: Water

Date Collected: 07/22/16 11:33

Date Received: 07/26/16 09:37

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc, Dissolved	28000		2000	280	ug/L		07/26/16 13:32	07/28/16 09:27	100

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 11:27	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	95			3.6	mg/L			07/26/16 12:20	1

Client Sample ID: GSTI_072216_1158

Lab Sample ID: 680-127898-4

Matrix: Water

Date Collected: 07/22/16 11:58

Date Received: 07/26/16 09:37

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	42000		200	24	ug/L		07/26/16 13:32	07/27/16 18:38	1
Calcium	350000		500	25	ug/L		07/26/16 13:32	07/27/16 18:38	1
Iron	290000		50	17	ug/L		07/26/16 13:32	07/27/16 18:38	1
Magnesium	24000		500	33	ug/L		07/26/16 13:32	07/27/16 18:38	1
Potassium	2400		1000	17	ug/L		07/26/16 13:32	07/27/16 18:38	1
Sodium	2500		1000	480	ug/L		07/26/16 13:32	07/27/16 18:38	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	37000		200	24	ug/L		07/26/16 13:32	07/27/16 19:17	1
Calcium, Dissolved	350000		500	25	ug/L		07/26/16 13:32	07/27/16 19:17	1
Iron, Dissolved	97000		50	17	ug/L		07/26/16 13:32	07/27/16 19:17	1
Magnesium, Dissolved	24000		500	33	ug/L		07/26/16 13:32	07/27/16 19:17	1
Potassium, Dissolved	2300		1000	17	ug/L		07/26/16 13:32	07/27/16 19:17	1
Sodium, Dissolved	2500		1000	480	ug/L		07/26/16 13:32	07/27/16 19:17	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	40	U	100	40	ug/L		07/26/16 13:32	07/28/16 09:07	100
Arsenic	180		1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:04	1
Barium	16		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:04	1
Beryllium	9.4		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:04	1
Cadmium	100		50	4.3	ug/L		07/26/16 13:32	07/28/16 09:07	100
Chromium	15		2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:04	1
Cobalt	98		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:04	1
Copper	8300		500	50	ug/L		07/26/16 13:32	07/28/16 09:07	100
Lead	65		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:04	1
Manganese	26000		250	120	ug/L		07/26/16 13:32	07/28/16 09:07	100
Molybdenum	45	U	100	45	ug/L		07/26/16 13:32	07/28/16 09:07	100
Nickel	62		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:04	1
Selenium	3.5		2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:04	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: GSTI_072216_1158

Lab Sample ID: 680-127898-4

Matrix: Water

Date Collected: 07/22/16 11:58

Date Received: 07/26/16 09:37

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	10	U	100	10	ug/L		07/26/16 13:32	07/28/16 09:07	100
Thallium	0.23		0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:04	1
Vanadium	110		1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:04	1
Zinc	25000		2000	280	ug/L		07/26/16 13:32	07/28/16 09:07	100

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.65	J	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:33	1
Arsenic, Dissolved	12		1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:33	1
Barium, Dissolved	12		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:33	1
Beryllium, Dissolved	9.2		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:33	1
Cadmium, Dissolved	79		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:33	1
Chromium, Dissolved	5.0		2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:33	1
Cobalt, Dissolved	100		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:33	1
Copper, Dissolved	8500		500	50	ug/L		07/26/16 13:32	07/28/16 09:29	100
Lead, Dissolved	34		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:33	1
Manganese, Dissolved	27000		250	120	ug/L		07/26/16 13:32	07/28/16 09:29	100
Molybdenum, Dissolved	45	U	100	45	ug/L		07/26/16 13:32	07/28/16 09:29	100
Nickel, Dissolved	65		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:33	1
Selenium, Dissolved	1.7	J	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:33	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:33	1
Thallium, Dissolved	0.31		0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:33	1
Vanadium, Dissolved	4.5		1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:33	1
Zinc, Dissolved	27000		2000	280	ug/L		07/26/16 13:32	07/28/16 09:29	100

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 11:41	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 12:22	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	650		10	10	mg/L			07/26/16 12:20	1

Client Sample ID: GSTI_DUP_072216_1158

Lab Sample ID: 680-127898-5

Matrix: Water

Date Collected: 07/22/16 11:58

Date Received: 07/26/16 09:37

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	42000		200	24	ug/L		07/26/16 13:32	07/27/16 18:42	1
Calcium	350000		500	25	ug/L		07/26/16 13:32	07/27/16 18:42	1
Iron	300000		50	17	ug/L		07/26/16 13:32	07/27/16 18:42	1
Magnesium	24000		500	33	ug/L		07/26/16 13:32	07/27/16 18:42	1
Potassium	2500		1000	17	ug/L		07/26/16 13:32	07/27/16 18:42	1
Sodium	2400		1000	480	ug/L		07/26/16 13:32	07/27/16 18:42	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: GSTI_DUP_072216_1158

Lab Sample ID: 680-127898-5

Matrix: Water

Date Collected: 07/22/16 11:58

Date Received: 07/26/16 09:37

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	37000		200	24	ug/L		07/26/16 13:32	07/27/16 19:22	1
Calcium, Dissolved	350000		500	25	ug/L		07/26/16 13:32	07/27/16 19:22	1
Iron, Dissolved	96000		50	17	ug/L		07/26/16 13:32	07/27/16 19:22	1
Magnesium, Dissolved	24000		500	33	ug/L		07/26/16 13:32	07/27/16 19:22	1
Potassium, Dissolved	2300		1000	17	ug/L		07/26/16 13:32	07/27/16 19:22	1
Sodium, Dissolved	2600		1000	480	ug/L		07/26/16 13:32	07/27/16 19:22	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	40	U	100	40	ug/L		07/26/16 13:32	07/28/16 09:09	100
Arsenic	200		1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:07	1
Barium	18		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:07	1
Beryllium	9.1		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:07	1
Cadmium	100		50	4.3	ug/L		07/26/16 13:32	07/28/16 09:09	100
Chromium	14		2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:07	1
Cobalt	92		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:07	1
Copper	8800		500	50	ug/L		07/26/16 13:32	07/28/16 09:09	100
Lead	100		30	6.0	ug/L		07/26/16 13:32	07/28/16 09:09	100
Manganese	28000		250	120	ug/L		07/26/16 13:32	07/28/16 09:09	100
Molybdenum	45	U	100	45	ug/L		07/26/16 13:32	07/28/16 09:09	100
Nickel	58		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:07	1
Selenium	4.3		2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:07	1
Silver	10	U	100	10	ug/L		07/26/16 13:32	07/28/16 09:09	100
Thallium	10	U	20	10	ug/L		07/26/16 13:32	07/28/16 09:09	100
Vanadium	110		1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:07	1
Zinc	27000		2000	280	ug/L		07/26/16 13:32	07/28/16 09:09	100

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.62	J	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:36	1
Arsenic, Dissolved	11		1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:36	1
Barium, Dissolved	11		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:36	1
Beryllium, Dissolved	8.8		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:36	1
Cadmium, Dissolved	76		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:36	1
Chromium, Dissolved	4.9		2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:36	1
Cobalt, Dissolved	97		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:36	1
Copper, Dissolved	8600		500	50	ug/L		07/26/16 13:32	07/28/16 09:32	100
Lead, Dissolved	33		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:36	1
Manganese, Dissolved	27000		250	120	ug/L		07/26/16 13:32	07/28/16 09:32	100
Molybdenum, Dissolved	45	U	100	45	ug/L		07/26/16 13:32	07/28/16 09:32	100
Nickel, Dissolved	61		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:36	1
Selenium, Dissolved	1.6	J	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:36	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:36	1
Thallium, Dissolved	0.29		0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:36	1
Vanadium, Dissolved	4.2		1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:36	1
Zinc, Dissolved	27000		2000	280	ug/L		07/26/16 13:32	07/28/16 09:32	100

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 11:46	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: GSTI_DUP_072216_1158

Lab Sample ID: 680-127898-5

Matrix: Water

Date Collected: 07/22/16 11:58

Date Received: 07/26/16 09:37

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	580		10	10	mg/L		07/26/16 12:20	07/26/16 12:20	1

Client Sample ID: CC18_072216_1215

Lab Sample ID: 680-127898-6

Matrix: Water

Date Collected: 07/22/16 12:15

Date Received: 07/26/16 09:37

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2700		200	24	ug/L		07/26/16 13:32	07/27/16 18:56	1
Calcium	120000		500	25	ug/L		07/26/16 13:32	07/27/16 18:56	1
Iron	14000		50	17	ug/L		07/26/16 13:32	07/27/16 18:56	1
Magnesium	9700		500	33	ug/L		07/26/16 13:32	07/27/16 18:56	1
Potassium	780	J	1000	17	ug/L		07/26/16 13:32	07/27/16 18:56	1
Sodium	2500		1000	480	ug/L		07/26/16 13:32	07/27/16 18:56	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	2100		200	24	ug/L		07/26/16 13:32	07/27/16 19:26	1
Calcium, Dissolved	120000		500	25	ug/L		07/26/16 13:32	07/27/16 19:26	1
Iron, Dissolved	13000		50	17	ug/L		07/26/16 13:32	07/27/16 19:26	1
Magnesium, Dissolved	9500		500	33	ug/L		07/26/16 13:32	07/27/16 19:26	1
Potassium, Dissolved	790	J	1000	17	ug/L		07/26/16 13:32	07/27/16 19:26	1
Sodium, Dissolved	2500		1000	480	ug/L		07/26/16 13:32	07/27/16 19:26	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:09	1
Arsenic	0.37	J	1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:09	1
Barium	21		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:09	1
Beryllium	1.5		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:09	1
Cadmium	11		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:09	1
Chromium	1.0	U	2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:09	1
Cobalt	24		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:09	1
Copper	92		5.0	0.50	ug/L		07/26/16 13:32	07/27/16 19:09	1
Lead	17		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:09	1
Manganese	8900		25	12	ug/L		07/26/16 13:32	07/28/16 09:19	10
Molybdenum	0.45	U	1.0	0.45	ug/L		07/26/16 13:32	07/27/16 19:09	1
Nickel	16		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:09	1
Selenium	0.58	U	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:09	1
Silver	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:09	1
Thallium	0.10	U	0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:09	1
Vanadium	0.30	U	1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:09	1
Zinc	4100		200	28	ug/L		07/26/16 13:32	07/28/16 09:19	10

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:38	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: CC18_072216_1215

Lab Sample ID: 680-127898-6

Matrix: Water

Date Collected: 07/22/16 12:15

Date Received: 07/26/16 09:37

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:38	1
Barium, Dissolved	21		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:38	1
Beryllium, Dissolved	1.4		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:38	1
Cadmium, Dissolved	10		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:38	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:38	1
Cobalt, Dissolved	23		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:38	1
Copper, Dissolved	90		5.0	0.50	ug/L		07/26/16 13:32	07/27/16 19:38	1
Lead, Dissolved	13		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:38	1
Manganese, Dissolved	8600		25	12	ug/L		07/26/16 13:32	07/28/16 09:34	10
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		07/26/16 13:32	07/27/16 19:38	1
Nickel, Dissolved	17		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:38	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:38	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:38	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:38	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:38	1
Zinc, Dissolved	4100		200	28	ug/L		07/26/16 13:32	07/28/16 09:34	10

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 11:59	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	10			3.6	mg/L		07/26/16 12:20		1

Client Sample ID: CC03D_072216_1230

Lab Sample ID: 680-127898-7

Matrix: Water

Date Collected: 07/22/16 12:30

Date Received: 07/26/16 09:37

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4300		200	24	ug/L		07/26/16 13:32	07/27/16 19:00	1
Calcium	410000		5000	250	ug/L		07/26/16 13:32	07/28/16 11:27	10
Iron	89000		50	17	ug/L		07/26/16 13:32	07/27/16 19:00	1
Magnesium	24000		5000	330	ug/L		07/26/16 13:32	07/28/16 11:27	10
Potassium	2100		1000	17	ug/L		07/26/16 13:32	07/27/16 19:00	1
Sodium	7100		1000	480	ug/L		07/26/16 13:32	07/27/16 19:00	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	1400		200	24	ug/L		07/26/16 13:32	07/27/16 19:31	1
Calcium, Dissolved	410000		5000	250	ug/L		07/26/16 13:32	07/28/16 11:31	10
Iron, Dissolved	84000		50	17	ug/L		07/26/16 13:32	07/27/16 19:31	1
Magnesium, Dissolved	24000		5000	330	ug/L		07/26/16 13:32	07/28/16 11:31	10
Potassium, Dissolved	2000		1000	17	ug/L		07/26/16 13:32	07/27/16 19:31	1
Sodium, Dissolved	6900		1000	480	ug/L		07/26/16 13:32	07/27/16 19:31	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: CC03D_072216_1230

Lab Sample ID: 680-127898-7

Matrix: Water

Date Collected: 07/22/16 12:30

Date Received: 07/26/16 09:37

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:12	1
Arsenic	2.0		1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:12	1
Barium	13		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:12	1
Beryllium	7.2		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:12	1
Cadmium	31		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:12	1
Chromium	1.0	U	2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:12	1
Cobalt	100		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:12	1
Copper	21		5.0	0.50	ug/L		07/26/16 13:32	07/27/16 19:12	1
Lead	76		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:12	1
Manganese	36000		250	120	ug/L		07/26/16 13:32	07/28/16 09:22	100
Molybdenum	0.50	J	1.0	0.45	ug/L		07/26/16 13:32	07/27/16 19:12	1
Nickel	53		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:12	1
Selenium	0.58	U	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:12	1
Silver	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:12	1
Thallium	0.10	U	0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:12	1
Vanadium	0.67	J	1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:12	1
Zinc	15000		2000	280	ug/L		07/26/16 13:32	07/28/16 09:22	100

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:41	1
Arsenic, Dissolved	1.3		1.0	0.37	ug/L		07/26/16 13:32	07/27/16 19:41	1
Barium, Dissolved	13		2.0	0.14	ug/L		07/26/16 13:32	07/27/16 19:41	1
Beryllium, Dissolved	5.1		0.40	0.15	ug/L		07/26/16 13:32	07/27/16 19:41	1
Cadmium, Dissolved	30		0.50	0.043	ug/L		07/26/16 13:32	07/27/16 19:41	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		07/26/16 13:32	07/27/16 19:41	1
Cobalt, Dissolved	110		0.40	0.12	ug/L		07/26/16 13:32	07/27/16 19:41	1
Copper, Dissolved	11		5.0	0.50	ug/L		07/26/16 13:32	07/27/16 19:41	1
Lead, Dissolved	6.9		0.30	0.060	ug/L		07/26/16 13:32	07/27/16 19:41	1
Manganese, Dissolved	33000		250	120	ug/L		07/26/16 13:32	07/28/16 09:37	100
Molybdenum, Dissolved	0.57	J	1.0	0.45	ug/L		07/26/16 13:32	07/27/16 19:41	1
Nickel, Dissolved	55		5.0	0.40	ug/L		07/26/16 13:32	07/27/16 19:41	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 19:41	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 19:41	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		07/26/16 13:32	07/27/16 19:41	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		07/26/16 13:32	07/27/16 19:41	1
Zinc, Dissolved	14000		2000	280	ug/L		07/26/16 13:32	07/28/16 09:37	100

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 12:04	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 12:54	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	50			4.0	mg/L			07/26/16 12:27	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 680-442877/1-A

Matrix: Water

Analysis Batch: 443216

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 442877

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	24	U	200	24	ug/L		07/26/16 13:32	07/27/16 17:58	1
Aluminum, Dissolved	24	U	200	24	ug/L		07/26/16 13:32	07/27/16 17:58	1
Calcium	25	U	500	25	ug/L		07/26/16 13:32	07/27/16 17:58	1
Calcium, Dissolved	25	U	500	25	ug/L		07/26/16 13:32	07/27/16 17:58	1
Iron	17	U	50	17	ug/L		07/26/16 13:32	07/27/16 17:58	1
Iron, Dissolved	17	U	50	17	ug/L		07/26/16 13:32	07/27/16 17:58	1
Magnesium	33	U	500	33	ug/L		07/26/16 13:32	07/27/16 17:58	1
Magnesium, Dissolved	33	U	500	33	ug/L		07/26/16 13:32	07/27/16 17:58	1
Potassium	17	U	1000	17	ug/L		07/26/16 13:32	07/27/16 17:58	1
Potassium, Dissolved	17	U	1000	17	ug/L		07/26/16 13:32	07/27/16 17:58	1
Sodium	480	U	1000	480	ug/L		07/26/16 13:32	07/27/16 17:58	1
Sodium, Dissolved	480	U	1000	480	ug/L		07/26/16 13:32	07/27/16 17:58	1

Lab Sample ID: LCS 680-442877/2-A

Matrix: Water

Analysis Batch: 443216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 442877

Analyte	Spike	LCS	LCS	%Rec.			
	Added	Result	Qualifier	Unit	D	%Rec	Limits
Aluminum	2000	2050		ug/L		102	85 - 115
Aluminum, Dissolved	2000	2050		ug/L		102	85 - 115
Calcium	2000	2050		ug/L		102	85 - 115
Calcium, Dissolved	2000	2050		ug/L		102	85 - 115
Iron	2000	2030		ug/L		102	85 - 115
Iron, Dissolved	2000	2030		ug/L		102	85 - 115
Magnesium	2000	2050		ug/L		102	85 - 115
Magnesium, Dissolved	2000	2050		ug/L		102	85 - 115
Potassium	3200	3540		ug/L		111	85 - 115
Potassium, Dissolved	3200	3540		ug/L		111	85 - 115
Sodium	2000	1890		ug/L		95	85 - 115
Sodium, Dissolved	2000	1890		ug/L		95	85 - 115

Lab Sample ID: 680-127898-1 MS

Matrix: Water

Analysis Batch: 443216

Client Sample ID: GSTO_072216_1054

Prep Type: Total/NA

Prep Batch: 442877

Analyte	Sample	Sample	Spike	MS	MS	%Rec.			
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Aluminum	1100		2000	3170		ug/L		105	75 - 125
Calcium	590000		2000	570000	4	ug/L		-998	75 - 125
Iron	590		2000	2560		ug/L		98	75 - 125
Magnesium	20000		2000	20700	4	ug/L		62	75 - 125
Potassium	2500		3200	6370		ug/L		120	75 - 125
Sodium	4800		2000	6890		ug/L		106	75 - 125

Lab Sample ID: 680-127898-1 MSD

Matrix: Water

Analysis Batch: 443216

Client Sample ID: GSTO_072216_1054

Prep Type: Total/NA

Prep Batch: 442877

Analyte	Sample	Sample	Spike	MSD	MSD	%Rec.			
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	RPD
Aluminum	1100		2000	3210		ug/L		107	75 - 125

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-127898-1 MSD

Matrix: Water

Analysis Batch: 443216

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Calcium	590000		2000	577000	4	ug/L	-622	75 - 125	1	20		
Iron	590		2000	2600		ug/L	100	75 - 125	2	20		
Magnesium	20000		2000	21000	4	ug/L	76	75 - 125	1	20		
Potassium	2500		3200	6450		ug/L	122	75 - 125	1	20		
Sodium	4800		2000	6880		ug/L	105	75 - 125	0	20		

Lab Sample ID: 680-127898-7 MS

Matrix: Water

Analysis Batch: 443216

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Aluminum, Dissolved	1400		2000	3460		ug/L	105	75 - 125				
Iron, Dissolved	84000		2000	87500	4	ug/L	172	75 - 125				
Potassium, Dissolved	2000		3200	5880		ug/L	121	75 - 125				
Sodium, Dissolved	6900		2000	9150		ug/L	114	75 - 125				

Lab Sample ID: 680-127898-7 MS

Matrix: Water

Analysis Batch: 443295

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Calcium, Dissolved	410000		2000	418000	4	ug/L	397	75 - 125				
Magnesium, Dissolved	24000		2000	26200	4	ug/L	121	75 - 125				

Lab Sample ID: 680-127898-7 MSD

Matrix: Water

Analysis Batch: 443216

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Aluminum, Dissolved	1400		2000	3480		ug/L	106	75 - 125	1	20		
Iron, Dissolved	84000		2000	88800	4	ug/L	234	75 - 125	1	20		
Potassium, Dissolved	2000		3200	5910		ug/L	122	75 - 125	1	20		
Sodium, Dissolved	6900		2000	9260		ug/L	120	75 - 125	1	20		

Lab Sample ID: 680-127898-7 MSD

Matrix: Water

Analysis Batch: 443295

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Calcium, Dissolved	410000		2000	423000	4	ug/L	658	75 - 125	1	20		
Magnesium, Dissolved	24000		2000	26500	4	ug/L	136	75 - 125	1	20		

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442877

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442877

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442877

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442877

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 680-442875/1-A

Matrix: Water

Analysis Batch: 443232

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 442875

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	0.40	U	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 18:28	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		07/26/16 13:32	07/27/16 18:28	1
Arsenic	0.37	U	1.0	0.37	ug/L		07/26/16 13:32	07/27/16 18:28	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		07/26/16 13:32	07/27/16 18:28	1
Barium	0.14	U	2.0	0.14	ug/L		07/26/16 13:32	07/27/16 18:28	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		07/26/16 13:32	07/27/16 18:28	1
Beryllium	0.15	U	0.40	0.15	ug/L		07/26/16 13:32	07/27/16 18:28	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		07/26/16 13:32	07/27/16 18:28	1
Cadmium	0.043	U	0.50	0.043	ug/L		07/26/16 13:32	07/27/16 18:28	1
Cadmium, Dissolved	0.043	U	0.50	0.043	ug/L		07/26/16 13:32	07/27/16 18:28	1
Chromium	1.0	U	2.0	1.0	ug/L		07/26/16 13:32	07/27/16 18:28	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		07/26/16 13:32	07/27/16 18:28	1
Cobalt	0.12	U	0.40	0.12	ug/L		07/26/16 13:32	07/27/16 18:28	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		07/26/16 13:32	07/27/16 18:28	1
Copper	0.50	U	5.0	0.50	ug/L		07/26/16 13:32	07/27/16 18:28	1
Copper, Dissolved	0.50	U	5.0	0.50	ug/L		07/26/16 13:32	07/27/16 18:28	1
Lead	0.060	U	0.30	0.060	ug/L		07/26/16 13:32	07/27/16 18:28	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		07/26/16 13:32	07/27/16 18:28	1
Manganese	1.2	U	2.5	1.2	ug/L		07/26/16 13:32	07/27/16 18:28	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		07/26/16 13:32	07/27/16 18:28	1
Molybdenum	0.45	U	1.0	0.45	ug/L		07/26/16 13:32	07/27/16 18:28	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		07/26/16 13:32	07/27/16 18:28	1
Nickel	0.40	U	5.0	0.40	ug/L		07/26/16 13:32	07/27/16 18:28	1
Nickel, Dissolved	0.40	U	5.0	0.40	ug/L		07/26/16 13:32	07/27/16 18:28	1
Selenium	0.58	U	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 18:28	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		07/26/16 13:32	07/27/16 18:28	1
Silver	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 18:28	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		07/26/16 13:32	07/27/16 18:28	1
Thallium	0.10	U	0.20	0.10	ug/L		07/26/16 13:32	07/27/16 18:28	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		07/26/16 13:32	07/27/16 18:28	1
Vanadium	0.30	U	1.0	0.30	ug/L		07/26/16 13:32	07/27/16 18:28	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		07/26/16 13:32	07/27/16 18:28	1
Zinc	2.8	U	20	2.8	ug/L		07/26/16 13:32	07/27/16 18:28	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		07/26/16 13:32	07/27/16 18:28	1

Lab Sample ID: LCS 680-442875/2-A

Matrix: Water

Analysis Batch: 443232

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 442875

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Antimony	20.0	20.8		ug/L	104	85 - 115	
Antimony, Dissolved	20.0	20.8		ug/L	104	85 - 115	
Arsenic	40.0	41.3		ug/L	103	85 - 115	
Arsenic, Dissolved	40.0	41.3		ug/L	103	85 - 115	
Barium	40.0	42.8		ug/L	107	85 - 115	
Barium, Dissolved	40.0	42.8		ug/L	107	85 - 115	
Beryllium	20.0	21.3		ug/L	106	85 - 115	
Beryllium, Dissolved	20.0	21.3		ug/L	106	85 - 115	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-442875/2-A

Matrix: Water

Analysis Batch: 443232

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 442875

Analyte		Spike	LCS		Unit	D	%Rec	Limits	
		Added	Result	Qualifier					
Cadmium		20.0	21.4		ug/L		107	85 - 115	
Cadmium, Dissolved		20.0	21.4		ug/L		107	85 - 115	
Chromium		40.0	40.5		ug/L		101	85 - 115	
Chromium, Dissolved		40.0	40.5		ug/L		101	85 - 115	
Cobalt		20.0	21.6		ug/L		108	85 - 115	
Cobalt, Dissolved		20.0	21.6		ug/L		108	85 - 115	
Copper		40.0	41.2		ug/L		103	85 - 115	
Copper, Dissolved		40.0	41.2		ug/L		103	85 - 115	
Lead		200	201		ug/L		101	85 - 115	
Lead, Dissolved		200	201		ug/L		101	85 - 115	
Manganese		200	210		ug/L		105	85 - 115	
Manganese, Dissolved		200	210		ug/L		105	85 - 115	
Molybdenum		40.0	40.2		ug/L		101	85 - 115	
Molybdenum, Dissolved		40.0	40.2		ug/L		101	85 - 115	
Nickel		40.0	42.5		ug/L		106	85 - 115	
Nickel, Dissolved		40.0	42.5		ug/L		106	85 - 115	
Selenium		40.0	40.0		ug/L		100	85 - 115	
Selenium, Dissolved		40.0	40.0		ug/L		100	85 - 115	
Silver		20.0	21.7		ug/L		109	85 - 115	
Silver, Dissolved		20.0	21.7		ug/L		109	85 - 115	
Thallium		16.0	17.0		ug/L		106	85 - 115	
Thallium, Dissolved		16.0	17.0		ug/L		106	85 - 115	
Vanadium		40.0	38.9		ug/L		97	85 - 115	
Vanadium, Dissolved		40.0	38.9		ug/L		97	85 - 115	
Zinc		40.0	44.1		ug/L		110	85 - 115	
Zinc, Dissolved		40.0	44.1		ug/L		110	85 - 115	

Lab Sample ID: 680-127898-1 MS

Matrix: Water

Analysis Batch: 443232

Client Sample ID: GSTO_072216_1054

Prep Type: Total/NA

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Manganese	7500		200	7440	4	ug/L		-18	70 - 130
Manganese, Dissolved	7500		200	7440	4	ug/L		-18	70 - 130

Lab Sample ID: 680-127898-1 MSD

Matrix: Water

Analysis Batch: 443232

Client Sample ID: GSTO_072216_1054

Prep Type: Total/NA

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Manganese	7500		200	7180	4	ug/L		-149	70 - 130	4	20
Manganese, Dissolved	7500		200	7180	4	ug/L		-149	70 - 130	4	20

Lab Sample ID: 680-127898-1 MS

Matrix: Water

Analysis Batch: 443232

Client Sample ID: GSTO_072216_1054

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Antimony	0.40	U	20.0	20.2		ug/L		101	70 - 130

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-127898-1 MS

Matrix: Water

Analysis Batch: 443232

Client Sample ID: GSTO_072216_1054

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	%Rec.
	Result	Qualifier	Added	Result	Qualifier					
Antimony, Dissolved	0.40	U	20.0	20.2		ug/L		101	70 - 130	
Arsenic	0.37	U	40.0	42.3		ug/L		106	70 - 130	
Arsenic, Dissolved	0.37	U	40.0	42.3		ug/L		106	70 - 130	
Barium	9.6		40.0	50.6		ug/L		102	70 - 130	
Barium, Dissolved	9.6		40.0	50.6		ug/L		102	70 - 130	
Beryllium	0.15	U	20.0	20.5		ug/L		102	70 - 130	
Beryllium, Dissolved	0.15	U	20.0	20.5		ug/L		102	70 - 130	
Cadmium	2.8		20.0	22.9		ug/L		101	70 - 130	
Cadmium, Dissolved	2.8		20.0	22.9		ug/L		101	70 - 130	
Chromium	1.0	U	40.0	40.4		ug/L		101	70 - 130	
Chromium, Dissolved	1.0	U	40.0	40.4		ug/L		101	70 - 130	
Cobalt	3.7		20.0	26.0		ug/L		111	70 - 130	
Cobalt, Dissolved	3.7		20.0	26.0		ug/L		111	70 - 130	
Copper	1.9	J F1	40.0	71.6	F1	ug/L		174	70 - 130	
Copper, Dissolved	1.9	J F1	40.0	71.6	F1	ug/L		174	70 - 130	
Lead	0.12	J	200	203		ug/L		102	70 - 130	
Lead, Dissolved	0.12	J	200	203		ug/L		102	70 - 130	
Molybdenum	1.4		40.0	38.4		ug/L		93	70 - 130	
Molybdenum, Dissolved	1.4		40.0	38.4		ug/L		93	70 - 130	
Nickel	7.7		40.0	44.9		ug/L		93	70 - 130	
Nickel, Dissolved	7.7		40.0	44.9		ug/L		93	70 - 130	
Selenium	0.58	U	40.0	43.6		ug/L		109	70 - 130	
Selenium, Dissolved	0.58	U	40.0	43.6		ug/L		109	70 - 130	
Silver	0.10	U	20.0	19.4		ug/L		97	70 - 130	
Silver, Dissolved	0.10	U	20.0	19.4		ug/L		97	70 - 130	
Thallium	0.27		16.0	18.1		ug/L		111	70 - 130	
Thallium, Dissolved	0.27		16.0	18.1		ug/L		111	70 - 130	
Vanadium	0.30	U	40.0	39.9		ug/L		100	70 - 130	
Vanadium, Dissolved	0.30	U	40.0	39.9		ug/L		100	70 - 130	
Zinc	61	F1	40.0	217	F1	ug/L		392	70 - 130	
Zinc, Dissolved	61	F1	40.0	217	F1	ug/L		392	70 - 130	

Lab Sample ID: 680-127898-1 MSD

Matrix: Water

Analysis Batch: 443232

Client Sample ID: GSTO_072216_1054

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Antimony	0.40	U	20.0	20.7		ug/L		104	70 - 130	3	20
Antimony, Dissolved	0.40	U	20.0	20.7		ug/L		104	70 - 130	3	20
Arsenic	0.37	U	40.0	42.4		ug/L		106	70 - 130	0	20
Arsenic, Dissolved	0.37	U	40.0	42.4		ug/L		106	70 - 130	0	20
Barium	9.6		40.0	50.3		ug/L		102	70 - 130	1	20
Barium, Dissolved	9.6		40.0	50.3		ug/L		102	70 - 130	1	20
Beryllium	0.15	U	20.0	20.8		ug/L		104	70 - 130	2	20
Beryllium, Dissolved	0.15	U	20.0	20.8		ug/L		104	70 - 130	2	20
Cadmium	2.8		20.0	23.4		ug/L		103	70 - 130	2	20
Cadmium, Dissolved	2.8		20.0	23.4		ug/L		103	70 - 130	2	20
Chromium	1.0	U	40.0	40.1		ug/L		100	70 - 130	1	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-127898-1 MSD

Matrix: Water

Analysis Batch: 443232

Client Sample ID: GSTO_072216_1054

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
Chromium, Dissolved	1.0	U	40.0	40.1		ug/L	100	70 - 130	1	20	
Cobalt	3.7		20.0	25.6		ug/L	110	70 - 130	1	20	
Cobalt, Dissolved	3.7		20.0	25.6		ug/L	110	70 - 130	1	20	
Copper	1.9	J F1	40.0	70.3	F1	ug/L	171	70 - 130	2	20	
Copper, Dissolved	1.9	J F1	40.0	70.3	F1	ug/L	171	70 - 130	2	20	
Lead	0.12	J	200	209		ug/L	104	70 - 130	3	20	
Lead, Dissolved	0.12	J	200	209		ug/L	104	70 - 130	3	20	
Molybdenum	1.4		40.0	39.2		ug/L	95	70 - 130	2	20	
Molybdenum, Dissolved	1.4		40.0	39.2		ug/L	95	70 - 130	2	20	
Nickel	7.7		40.0	44.7		ug/L	92	70 - 130	0	20	
Nickel, Dissolved	7.7		40.0	44.7		ug/L	92	70 - 130	0	20	
Selenium	0.58	U	40.0	43.9		ug/L	110	70 - 130	1	20	
Selenium, Dissolved	0.58	U	40.0	43.9		ug/L	110	70 - 130	1	20	
Silver	0.10	U	20.0	19.9		ug/L	99	70 - 130	2	20	
Silver, Dissolved	0.10	U	20.0	19.9		ug/L	99	70 - 130	2	20	
Thallium	0.27		16.0	18.7		ug/L	115	70 - 130	3	20	
Thallium, Dissolved	0.27		16.0	18.7		ug/L	115	70 - 130	3	20	
Vanadium	0.30	U	40.0	40.1		ug/L	100	70 - 130	0	20	
Vanadium, Dissolved	0.30	U	40.0	40.1		ug/L	100	70 - 130	0	20	
Zinc	61	F1	40.0	213	F1	ug/L	381	70 - 130	2	20	
Zinc, Dissolved	61	F1	40.0	213	F1	ug/L	381	70 - 130	2	20	

Lab Sample ID: 680-127898-7 MS

Matrix: Water

Analysis Batch: 443232

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier						
Antimony	0.40	U	20.0	20.1		ug/L	100	70 - 130			
Antimony, Dissolved	0.40	U	20.0	20.1		ug/L	100	70 - 130			
Arsenic	1.3		40.0	42.0		ug/L	102	70 - 130			
Arsenic, Dissolved	1.3		40.0	42.0		ug/L	102	70 - 130			
Barium	13		40.0	54.0		ug/L	103	70 - 130			
Barium, Dissolved	13		40.0	54.0		ug/L	103	70 - 130			
Beryllium	5.1		20.0	26.3		ug/L	106	70 - 130			
Beryllium, Dissolved	5.1		20.0	26.3		ug/L	106	70 - 130			
Cadmium	30		20.0	49.6		ug/L	98	70 - 130			
Cadmium, Dissolved	30		20.0	49.6		ug/L	98	70 - 130			
Chromium	1.0	U	40.0	38.5		ug/L	96	70 - 130			
Chromium, Dissolved	1.0	U	40.0	38.5		ug/L	96	70 - 130			
Cobalt	110		20.0	122	4	ug/L	76	70 - 130			
Cobalt, Dissolved	110		20.0	122	4	ug/L	76	70 - 130			
Copper	11		40.0	48.7		ug/L	94	70 - 130			
Copper, Dissolved	11		40.0	48.7		ug/L	94	70 - 130			
Lead	6.9		200	210		ug/L	101	70 - 130			
Lead, Dissolved	6.9		200	210		ug/L	101	70 - 130			
Molybdenum	0.57	J	40.0	36.5		ug/L	90	70 - 130			
Molybdenum, Dissolved	0.57	J	40.0	36.5		ug/L	90	70 - 130			
Nickel	55		40.0	95.3		ug/L	101	70 - 130			

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-127898-7 MS

Matrix: Water

Analysis Batch: 443232

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier					
Nickel, Dissolved	55		40.0	95.3		ug/L		101	70 - 130	
Selenium	0.58	U	40.0	42.3		ug/L		106	70 - 130	
Selenium, Dissolved	0.58	U	40.0	42.3		ug/L		106	70 - 130	
Silver	0.10	U	20.0	19.8		ug/L		99	70 - 130	
Silver, Dissolved	0.10	U	20.0	19.8		ug/L		99	70 - 130	
Thallium	0.10	U	16.0	17.4		ug/L		109	70 - 130	
Thallium, Dissolved	0.10	U	16.0	17.4		ug/L		109	70 - 130	
Vanadium	0.30	U	40.0	38.4		ug/L		96	70 - 130	
Vanadium, Dissolved	0.30	U	40.0	38.4		ug/L		96	70 - 130	

Lab Sample ID: 680-127898-7 MS

Matrix: Water

Analysis Batch: 443232

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier					
Manganese	33000		200	34600	4	ug/L		617	70 - 130	
Manganese, Dissolved	33000		200	34600	4	ug/L		617	70 - 130	
Zinc	14000		40.0	15000	4	ug/L		3628	70 - 130	
Zinc, Dissolved	14000		40.0	15000	4	ug/L		3628	70 - 130	

Lab Sample ID: 680-127898-7 MSD

Matrix: Water

Analysis Batch: 443232

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Antimony	0.40	U	20.0	19.0		ug/L		95	70 - 130	6	20
Antimony, Dissolved	0.40	U	20.0	19.0		ug/L		95	70 - 130	6	20
Arsenic	1.3		40.0	40.0		ug/L		97	70 - 130	5	20
Arsenic, Dissolved	1.3		40.0	40.0		ug/L		97	70 - 130	5	20
Barium	13		40.0	51.0		ug/L		95	70 - 130	6	20
Barium, Dissolved	13		40.0	51.0		ug/L		95	70 - 130	6	20
Beryllium	5.1		20.0	24.7		ug/L		98	70 - 130	6	20
Beryllium, Dissolved	5.1		20.0	24.7		ug/L		98	70 - 130	6	20
Cadmium	30		20.0	47.4		ug/L		86	70 - 130	5	20
Cadmium, Dissolved	30		20.0	47.4		ug/L		86	70 - 130	5	20
Chromium	1.0	U	40.0	37.5		ug/L		94	70 - 130	3	20
Chromium, Dissolved	1.0	U	40.0	37.5		ug/L		94	70 - 130	3	20
Cobalt	110		20.0	117	4	ug/L		49	70 - 130	4	20
Cobalt, Dissolved	110		20.0	117	4	ug/L		49	70 - 130	4	20
Copper	11		40.0	46.9		ug/L		89	70 - 130	4	20
Copper, Dissolved	11		40.0	46.9		ug/L		89	70 - 130	4	20
Lead	6.9		200	199		ug/L		96	70 - 130	5	20
Lead, Dissolved	6.9		200	199		ug/L		96	70 - 130	5	20
Molybdenum	0.57	J	40.0	34.3		ug/L		84	70 - 130	6	20
Molybdenum, Dissolved	0.57	J	40.0	34.3		ug/L		84	70 - 130	6	20
Nickel	55		40.0	92.1		ug/L		93	70 - 130	3	20
Nickel, Dissolved	55		40.0	92.1		ug/L		93	70 - 130	3	20
Selenium	0.58	U	40.0	40.2		ug/L		101	70 - 130	5	20
Selenium, Dissolved	0.58	U	40.0	40.2		ug/L		101	70 - 130	5	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-127898-7 MSD

Matrix: Water

Analysis Batch: 443232

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
Silver	0.10	U	20.0	19.0		ug/L		95	70 - 130	4	20
Silver, Dissolved	0.10	U	20.0	19.0		ug/L		95	70 - 130	4	20
Thallium	0.10	U	16.0	16.7		ug/L		105	70 - 130	4	20
Thallium, Dissolved	0.10	U	16.0	16.7		ug/L		105	70 - 130	4	20
Vanadium	0.30	U	40.0	37.3		ug/L		93	70 - 130	3	20
Vanadium, Dissolved	0.30	U	40.0	37.3		ug/L		93	70 - 130	3	20

Lab Sample ID: 680-127898-7 MSD

Matrix: Water

Analysis Batch: 443232

Client Sample ID: CC03D_072216_1230

Prep Type: Dissolved

Prep Batch: 442875

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
Manganese	33000		200	32200	4	ug/L		-595	70 - 130	7	20
Manganese, Dissolved	33000		200	32200	4	ug/L		-595	70 - 130	7	20
Zinc	14000		40.0	14000	4	ug/L		1218	70 - 130	7	20
Zinc, Dissolved	14000		40.0	14000	4	ug/L		1218	70 - 130	7	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 680-442876/13-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 443072

Prep Batch: 442876

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 11:05	1
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		07/26/16 14:02	07/27/16 11:05	1

Lab Sample ID: LCS 680-442876/15-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 443072

Prep Batch: 442876

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Mercury	2.50	2.56		ug/L		102	85 - 115
Mercury, Dissolved	2.50	2.56		ug/L		102	85 - 115

Lab Sample ID: 680-127898-3 MS

Client Sample ID: GTSPO_072216_1133

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 443072

Prep Batch: 442876

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Mercury	0.080	U	1.00	1.08		ug/L		108	70 - 130

Lab Sample ID: 680-127898-3 MSD

Client Sample ID: GTSPO_072216_1133

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 443072

Prep Batch: 442876

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Mercury	0.080	U	1.00	1.08		ug/L		108	70 - 130

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: 680-127898-6 MS

Matrix: Water

Analysis Batch: 443072

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Mercury, Dissolved	0.080	U	1.00	1.18		ug/L		118	70 - 130

Lab Sample ID: 680-127898-6 MSD

Matrix: Water

Analysis Batch: 443072

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Mercury, Dissolved	0.080	U	1.00	1.16		ug/L		116	70 - 130

Method: 2540 D-2011 - Total Suspended Solids (Dried at 103-105°C)

Lab Sample ID: MB 680-442860/1

Matrix: Water

Analysis Batch: 442860

Analyte	MB	MB	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			07/26/16 12:20	1

Lab Sample ID: LCS 680-442860/2

Matrix: Water

Analysis Batch: 442860

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Total Suspended Solids	20.0	21.0		mg/L		105	80 - 120

Lab Sample ID: LCSD 680-442860/3

Matrix: Water

Analysis Batch: 442860

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Total Suspended Solids	20.0	22.5		mg/L		113	80 - 120

Lab Sample ID: 680-127898-4 DU

Matrix: Water

Analysis Batch: 442860

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				
Total Suspended Solids	650		607	F3	mg/L		6	5

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Metals

Prep Batch: 442875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-1	GSTO_072216_1054	Dissolved	Water	200	1
680-127898-1	GSTO_072216_1054	Total/NA	Water	200	2
680-127898-2	GTSC_072216_1122	Dissolved	Water	200	3
680-127898-2	GTSC_072216_1122	Total/NA	Water	200	4
680-127898-3	GTSPO_072216_1133	Dissolved	Water	200	5
680-127898-3	GTSPO_072216_1133	Total/NA	Water	200	6
680-127898-4	GSTI_072216_1158	Dissolved	Water	200	7
680-127898-4	GSTI_072216_1158	Total/NA	Water	200	8
680-127898-5	GSTI_DUP_072216_1158	Dissolved	Water	200	9
680-127898-5	GSTI_DUP_072216_1158	Total/NA	Water	200	10
680-127898-6	CC18_072216_1215	Dissolved	Water	200	11
680-127898-6	CC18_072216_1215	Total/NA	Water	200	
680-127898-7	CC03D_072216_1230	Dissolved	Water	200	
680-127898-7	CC03D_072216_1230	Total/NA	Water	200	
MB 680-442875/1-A	Method Blank	Total/NA	Water	200	
LCS 680-442875/2-A	Lab Control Sample	Total/NA	Water	200	
680-127898-1 MS	GSTO_072216_1054	Dissolved	Water	200	
680-127898-1 MS	GSTO_072216_1054	Total/NA	Water	200	
680-127898-1 MSD	GSTO_072216_1054	Dissolved	Water	200	
680-127898-1 MSD	GSTO_072216_1054	Total/NA	Water	200	
680-127898-7 MS	CC03D_072216_1230	Dissolved	Water	200	
680-127898-7 MSD	CC03D_072216_1230	Dissolved	Water	200	

Prep Batch: 442876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-1	GSTO_072216_1054	Dissolved	Water	245.1	1
680-127898-1	GSTO_072216_1054	Total/NA	Water	245.1	2
680-127898-2	GTSC_072216_1122	Dissolved	Water	245.1	3
680-127898-2	GTSC_072216_1122	Total/NA	Water	245.1	4
680-127898-3	GTSPO_072216_1133	Dissolved	Water	245.1	5
680-127898-3	GTSPO_072216_1133	Total/NA	Water	245.1	6
680-127898-4	GSTI_072216_1158	Dissolved	Water	245.1	7
680-127898-4	GSTI_072216_1158	Total/NA	Water	245.1	8
680-127898-5	GSTI_DUP_072216_1158	Dissolved	Water	245.1	9
680-127898-5	GSTI_DUP_072216_1158	Total/NA	Water	245.1	10
680-127898-6	CC18_072216_1215	Dissolved	Water	245.1	11
680-127898-6	CC18_072216_1215	Total/NA	Water	245.1	
680-127898-7	CC03D_072216_1230	Dissolved	Water	245.1	
680-127898-7	CC03D_072216_1230	Total/NA	Water	245.1	
MB 680-442876/13-A	Method Blank	Total/NA	Water	245.1	
LCS 680-442876/15-A	Lab Control Sample	Total/NA	Water	245.1	
680-127898-3 MS	GTSPO_072216_1133	Total/NA	Water	245.1	
680-127898-3 MSD	GTSPO_072216_1133	Total/NA	Water	245.1	
680-127898-6 MS	CC18_072216_1215	Dissolved	Water	245.1	
680-127898-6 MSD	CC18_072216_1215	Dissolved	Water	245.1	

Prep Batch: 442877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-1	GSTO_072216_1054	Dissolved	Water	200	1
680-127898-1	GSTO_072216_1054	Total/NA	Water	200	2
680-127898-2	GTSC_072216_1122	Dissolved	Water	200	3

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Metals (Continued)

Prep Batch: 442877 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-2	GTSC_072216_1122	Total/NA	Water	200	5
680-127898-3	GTSPO_072216_1133	Dissolved	Water	200	6
680-127898-3	GTSPO_072216_1133	Total/NA	Water	200	7
680-127898-4	GSTI_072216_1158	Dissolved	Water	200	8
680-127898-4	GSTI_072216_1158	Total/NA	Water	200	9
680-127898-5	GSTI_DUP_072216_1158	Dissolved	Water	200	10
680-127898-5	GSTI_DUP_072216_1158	Total/NA	Water	200	11
680-127898-6	CC18_072216_1215	Dissolved	Water	200	
680-127898-6	CC18_072216_1215	Total/NA	Water	200	
680-127898-7	CC03D_072216_1230	Dissolved	Water	200	
680-127898-7	CC03D_072216_1230	Total/NA	Water	200	
MB 680-442877/1-A	Method Blank	Total/NA	Water	200	
LCS 680-442877/2-A	Lab Control Sample	Total/NA	Water	200	
680-127898-1 MS	GSTO_072216_1054	Total/NA	Water	200	
680-127898-1 MSD	GSTO_072216_1054	Total/NA	Water	200	
680-127898-7 MS	CC03D_072216_1230	Dissolved	Water	200	
680-127898-7 MSD	CC03D_072216_1230	Dissolved	Water	200	

Analysis Batch: 443072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-1	GSTO_072216_1054	Dissolved	Water	245.1	442876
680-127898-1	GSTO_072216_1054	Total/NA	Water	245.1	442876
680-127898-2	GTSC_072216_1122	Dissolved	Water	245.1	442876
680-127898-2	GTSC_072216_1122	Total/NA	Water	245.1	442876
680-127898-3	GTSPO_072216_1133	Dissolved	Water	245.1	442876
680-127898-3	GTSPO_072216_1133	Total/NA	Water	245.1	442876
680-127898-4	GSTI_072216_1158	Dissolved	Water	245.1	442876
680-127898-4	GSTI_072216_1158	Total/NA	Water	245.1	442876
680-127898-5	GSTI_DUP_072216_1158	Dissolved	Water	245.1	442876
680-127898-5	GSTI_DUP_072216_1158	Total/NA	Water	245.1	442876
680-127898-6	CC18_072216_1215	Dissolved	Water	245.1	442876
680-127898-6	CC18_072216_1215	Total/NA	Water	245.1	442876
680-127898-7	CC03D_072216_1230	Dissolved	Water	245.1	442876
680-127898-7	CC03D_072216_1230	Total/NA	Water	245.1	442876
MB 680-442876/13-A	Method Blank	Total/NA	Water	245.1	442876
LCS 680-442876/15-A	Lab Control Sample	Total/NA	Water	245.1	442876
680-127898-3 MS	GTSPO_072216_1133	Total/NA	Water	245.1	442876
680-127898-3 MSD	GTSPO_072216_1133	Total/NA	Water	245.1	442876
680-127898-6 MS	CC18_072216_1215	Dissolved	Water	245.1	442876
680-127898-6 MSD	CC18_072216_1215	Dissolved	Water	245.1	442876

Analysis Batch: 443216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-1	GSTO_072216_1054	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-1	GSTO_072216_1054	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-2	GTSC_072216_1122	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-2	GTSC_072216_1122	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-3	GTSPO_072216_1133	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-3	GTSPO_072216_1133	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-4	GSTI_072216_1158	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-4	GSTI_072216_1158	Total/NA	Water	200.7 Rev 4.4	442877

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Metals (Continued)

Analysis Batch: 443216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-5	GSTI_DUP_072216_1158	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-5	GSTI_DUP_072216_1158	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-6	CC18_072216_1215	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-6	CC18_072216_1215	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-7	CC03D_072216_1230	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-7	CC03D_072216_1230	Total/NA	Water	200.7 Rev 4.4	442877
MB 680-442877/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	442877
LCS 680-442877/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-1 MS	GSTO_072216_1054	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-1 MSD	GSTO_072216_1054	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-7 MS	CC03D_072216_1230	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-7 MSD	CC03D_072216_1230	Dissolved	Water	200.7 Rev 4.4	442877

Analysis Batch: 443232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-1	GSTO_072216_1054	Dissolved	Water	200.8	442875
680-127898-1	GSTO_072216_1054	Dissolved	Water	200.8	442875
680-127898-1	GSTO_072216_1054	Total/NA	Water	200.8	442875
680-127898-1	GSTO_072216_1054	Total/NA	Water	200.8	442875
680-127898-2	GTSC_072216_1122	Dissolved	Water	200.8	442875
680-127898-2	GTSC_072216_1122	Total/NA	Water	200.8	442875
680-127898-2	GTSC_072216_1122	Total/NA	Water	200.8	442875
680-127898-3	GTSPO_072216_1133	Dissolved	Water	200.8	442875
680-127898-3	GTSPO_072216_1133	Dissolved	Water	200.8	442875
680-127898-3	GTSPO_072216_1133	Total/NA	Water	200.8	442875
680-127898-3	GTSPO_072216_1133	Total/NA	Water	200.8	442875
680-127898-3	GTSPO_072216_1133	Total/NA	Water	200.8	442875
680-127898-4	GSTI_072216_1158	Dissolved	Water	200.8	442875
680-127898-4	GSTI_072216_1158	Dissolved	Water	200.8	442875
680-127898-4	GSTI_072216_1158	Total/NA	Water	200.8	442875
680-127898-4	GSTI_072216_1158	Total/NA	Water	200.8	442875
680-127898-5	GSTI_DUP_072216_1158	Dissolved	Water	200.8	442875
680-127898-5	GSTI_DUP_072216_1158	Dissolved	Water	200.8	442875
680-127898-5	GSTI_DUP_072216_1158	Total/NA	Water	200.8	442875
680-127898-5	GSTI_DUP_072216_1158	Total/NA	Water	200.8	442875
680-127898-6	CC18_072216_1215	Dissolved	Water	200.8	442875
680-127898-6	CC18_072216_1215	Dissolved	Water	200.8	442875
680-127898-6	CC18_072216_1215	Total/NA	Water	200.8	442875
680-127898-6	CC18_072216_1215	Total/NA	Water	200.8	442875
680-127898-7	CC03D_072216_1230	Dissolved	Water	200.8	442875
680-127898-7	CC03D_072216_1230	Total/NA	Water	200.8	442875
680-127898-7	CC03D_072216_1230	Total/NA	Water	200.8	442875
MB 680-442875/1-A	Method Blank	Total/NA	Water	200.8	442875
LCS 680-442875/2-A	Lab Control Sample	Total/NA	Water	200.8	442875
680-127898-1 MS	GSTO_072216_1054	Dissolved	Water	200.8	442875
680-127898-1 MS	GSTO_072216_1054	Total/NA	Water	200.8	442875
680-127898-1 MSD	GSTO_072216_1054	Dissolved	Water	200.8	442875
680-127898-1 MSD	GSTO_072216_1054	Total/NA	Water	200.8	442875
680-127898-7 MS	CC03D_072216_1230	Dissolved	Water	200.8	442875
680-127898-7 MS	CC03D_072216_1230	Dissolved	Water	200.8	442875
680-127898-7 MSD	CC03D_072216_1230	Dissolved	Water	200.8	442875

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Metals (Continued)

Analysis Batch: 443232 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-7 MSD	CC03D_072216_1230	Dissolved	Water	200.8	442875

Analysis Batch: 443295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-2	GTSC_072216_1122	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-7	CC03D_072216_1230	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-7	CC03D_072216_1230	Total/NA	Water	200.7 Rev 4.4	442877
680-127898-7 MS	CC03D_072216_1230	Dissolved	Water	200.7 Rev 4.4	442877
680-127898-7 MSD	CC03D_072216_1230	Dissolved	Water	200.7 Rev 4.4	442877

General Chemistry

Analysis Batch: 442860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-127898-1	GSTO_072216_1054	Total/NA	Water	2540 D-2011	
680-127898-2	GTSC_072216_1122	Total/NA	Water	2540 D-2011	
680-127898-3	GTSP0_072216_1133	Total/NA	Water	2540 D-2011	
680-127898-4	GSTI_072216_1158	Total/NA	Water	2540 D-2011	
680-127898-5	GSTI_DUP_072216_1158	Total/NA	Water	2540 D-2011	
680-127898-6	CC18_072216_1215	Total/NA	Water	2540 D-2011	
680-127898-7	CC03D_072216_1230	Total/NA	Water	2540 D-2011	
MB 680-442860/1	Method Blank	Total/NA	Water	2540 D-2011	
LCS 680-442860/2	Lab Control Sample	Total/NA	Water	2540 D-2011	
LCSD 680-442860/3	Lab Control Sample Dup	Total/NA	Water	2540 D-2011	
680-127898-4 DU	GSTI_072216_1158	Total/NA	Water	2540 D-2011	

Lab Chronicle

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: GSTO_072216_1054

Lab Sample ID: 680-127898-1

Date Collected: 07/22/16 10:54

Matrix: Water

Date Received: 07/26/16 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1			443216	07/27/16 19:04	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1			443216	07/27/16 18:10	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		1			443232	07/27/16 19:15	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		10			443232	07/28/16 09:24	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		1			443232	07/27/16 18:35	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		100			443232	07/28/16 08:49	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Dissolved	Analysis	245.1		1			443072	07/27/16 12:08	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Total/NA	Analysis	245.1		1			443072	07/27/16 11:18	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2540 D-2011		1	285 mL	1000 mL	442860	07/26/16 12:20	JCM	TAL SAV
		Instrument ID: NOEQUIP								

Client Sample ID: GTSC_072216_1122

Lab Sample ID: 680-127898-2

Matrix: Water

Date Collected: 07/22/16 11:22

Date Received: 07/26/16 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1			443216	07/27/16 19:09	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1			443216	07/27/16 18:25	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10			443295	07/28/16 11:23	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		1			443232	07/27/16 19:17	BJB	TAL SAV
		Instrument ID: ICPMSD								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Client Sample ID: GTSC_072216_1122

Date Collected: 07/22/16 11:22

Date Received: 07/26/16 09:37

Lab Sample ID: 680-127898-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		1			443232	07/27/16 18:59	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		100			443232	07/28/16 09:02	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Dissolved	Analysis	245.1		1			443072	07/27/16 12:13	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Total/NA	Analysis	245.1		1			443072	07/27/16 11:23	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2540 D-2011		1	64 mL	1000 mL	442860	07/26/16 12:20	JCM	TAL SAV
		Instrument ID: NOEQUIP								

Client Sample ID: GTSPO_072216_1133

Date Collected: 07/22/16 11:33

Date Received: 07/26/16 09:37

Lab Sample ID: 680-127898-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1			443216	07/27/16 19:13	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1			443216	07/27/16 18:34	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		1			443232	07/27/16 19:30	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		100			443232	07/28/16 09:27	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		1			443232	07/27/16 19:01	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		100			443232	07/28/16 09:04	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Dissolved	Analysis	245.1		1			443072	07/27/16 12:18	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Total/NA	Analysis	245.1		1			443072	07/27/16 11:27	JKL	TAL SAV
		Instrument ID: LEEMAN2								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Client Sample ID: GTSPO_072216_1133

Lab Sample ID: 680-127898-3

Matrix: Water

Date Collected: 07/22/16 11:33

Date Received: 07/26/16 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540 D-2011		1	280 mL	1000 mL	442860	07/26/16 12:20	JCM	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: GSTI_072216_1158

Lab Sample ID: 680-127898-4

Matrix: Water

Date Collected: 07/22/16 11:58

Date Received: 07/26/16 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1			443216	07/27/16 19:17	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1			443216	07/27/16 18:38	BCB	TAL SAV
Instrument ID: ICPE										
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		1			443232	07/27/16 19:33	BJB	TAL SAV
Instrument ID: ICPMSD										
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		100			443232	07/28/16 09:29	BJB	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		1			443232	07/27/16 19:04	BJB	TAL SAV
Instrument ID: ICPMSD										
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		100			443232	07/28/16 09:07	BJB	TAL SAV
Instrument ID: ICPMSD										
Dissolved	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Dissolved	Analysis	245.1		1			443072	07/27/16 12:22	JKL	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Total/NA	Analysis	245.1		1			443072	07/27/16 11:41	JKL	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Analysis	2540 D-2011		1	100 mL	1000 mL	442860	07/26/16 12:20	JCM	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: GSTI_DUP_072216_1158

Lab Sample ID: 680-127898-5

Matrix: Water

Date Collected: 07/22/16 11:58

Date Received: 07/26/16 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1			443216	07/27/16 19:22	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

TestAmerica Job ID: 680-127898-1

Project/Site: Gold King Mine - Region 8 (T/S)

Client Sample ID: GSTI_DUP_072216_1158

Lab Sample ID: 680-127898-5

Date Collected: 07/22/16 11:58

Matrix: Water

Date Received: 07/26/16 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.7 Rev 4.4		1			443216	07/27/16 18:42	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		1			443232	07/27/16 19:36	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		100			443232	07/28/16 09:32	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		1			443232	07/27/16 19:07	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		100			443232	07/28/16 09:09	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Dissolved	Analysis	245.1		1			443072	07/27/16 12:27	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Total/NA	Analysis	245.1		1			443072	07/27/16 11:46	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2540 D-2011		1	100 mL	1000 mL	442860	07/26/16 12:20	JCM	TAL SAV
		Instrument ID: NOEQUIP								

Client Sample ID: CC18_072216_1215

Lab Sample ID: 680-127898-6

Matrix: Water

Date Collected: 07/22/16 12:15

Date Received: 07/26/16 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1			443216	07/27/16 19:26	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1			443216	07/27/16 18:56	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		1			443232	07/27/16 19:38	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		10			443232	07/28/16 09:34	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		1			443232	07/27/16 19:09	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Client Sample ID: CC18_072216_1215

Date Collected: 07/22/16 12:15

Date Received: 07/26/16 09:37

Lab Sample ID: 680-127898-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.8		10			443232	07/28/16 09:19	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Dissolved	Analysis	245.1		1			443072	07/27/16 12:31	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Total/NA	Analysis	245.1		1			443072	07/27/16 11:59	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2540 D-2011		1	280 mL	1000 mL	442860	07/26/16 12:20	JCM	TAL SAV
		Instrument ID: NOEQUIP								

Client Sample ID: CC03D_072216_1230

Date Collected: 07/22/16 12:30

Date Received: 07/26/16 09:37

Lab Sample ID: 680-127898-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1			443216	07/27/16 19:31	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10			443295	07/28/16 11:31	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1			443216	07/27/16 19:00	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	442877	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10			443295	07/28/16 11:27	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		1			443232	07/27/16 19:41	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Dissolved	Analysis	200.8		100			443232	07/28/16 09:37	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		1			443232	07/27/16 19:12	BJB	TAL SAV
		Instrument ID: ICPMSD								
Total/NA	Prep	200			50 mL	50 mL	442875	07/26/16 13:32	AJR	TAL SAV
Total/NA	Analysis	200.8		100			443232	07/28/16 09:22	BJB	TAL SAV
		Instrument ID: ICPMSD								
Dissolved	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV
Dissolved	Analysis	245.1		1			443072	07/27/16 12:54	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	442876	07/26/16 14:02	JKL	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Client Sample ID: CC03D_072216_1230

Lab Sample ID: 680-127898-7

Matrix: Water

Date Collected: 07/22/16 12:30

Date Received: 07/26/16 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	245.1		1			443072	07/27/16 12:04	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2540 D-2011		1	250 mL	1000 mL	442860	07/26/16 12:27	JCM	TAL SAV
		Instrument ID: NOEQUIP								

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-127898-1

Login Number: 127898

List Source: TestAmerica Savannah

List Number: 1

Creator: White, Menica R

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (T/S)

TestAmerica Job ID: 680-127898-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-16

1

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TestAmerica Savannah